

NON-MEDIA TYPE SPECIFIC SCALABILITY ATTRIBUTES AND DATA STRUCTURE INFORMATION

SCALABLE ENCODED MEDIA DATA ARRANGED IN A NON-MEDIA TYPE SPECIFIC INDEXABLE DATA STRUCTURE

F1G. 1

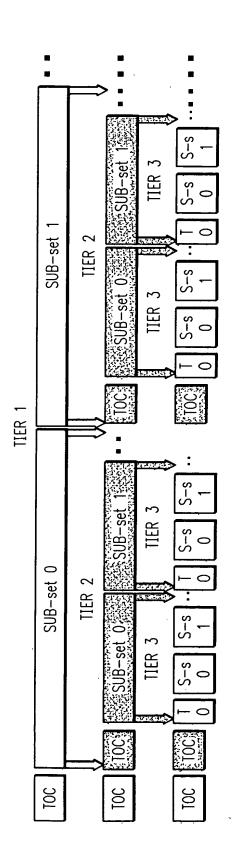


FIG. 2A

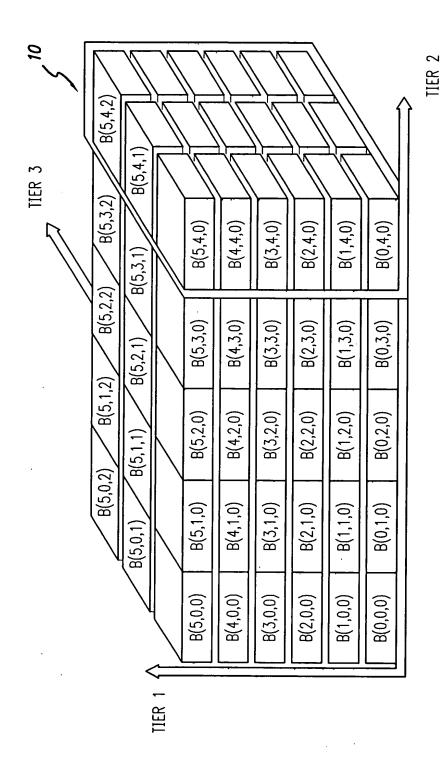


FIG. 2B

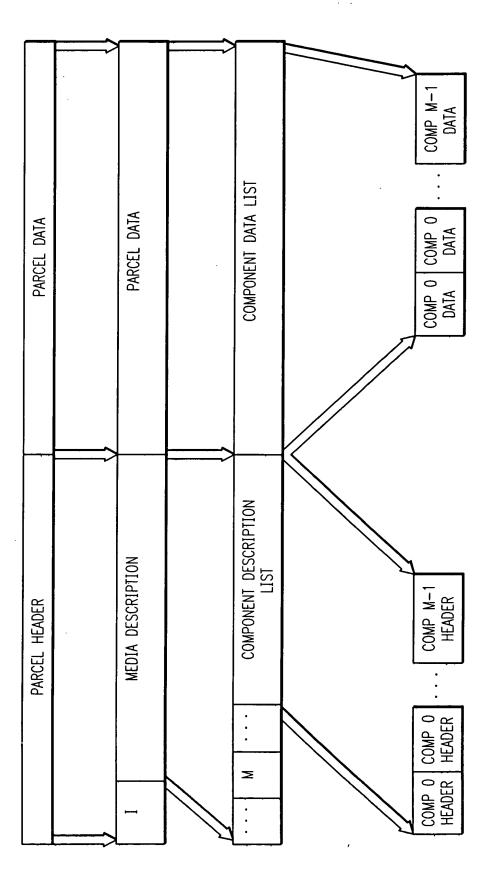


FIG. 3A

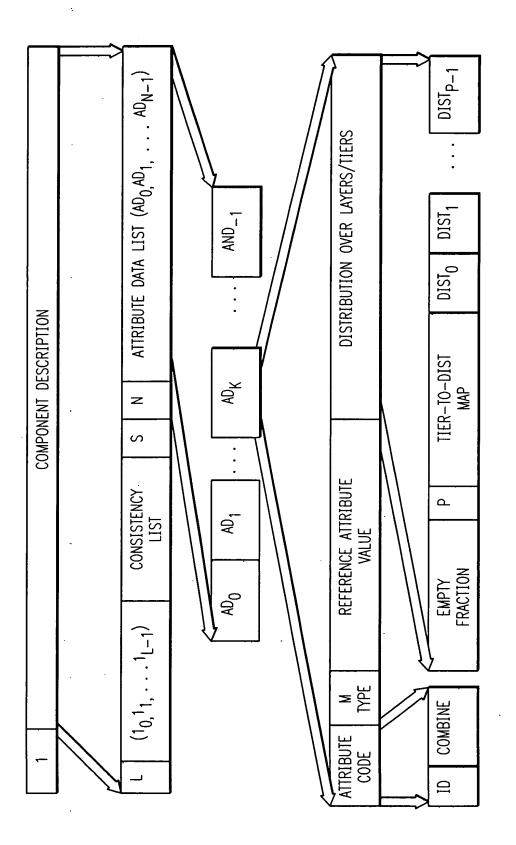
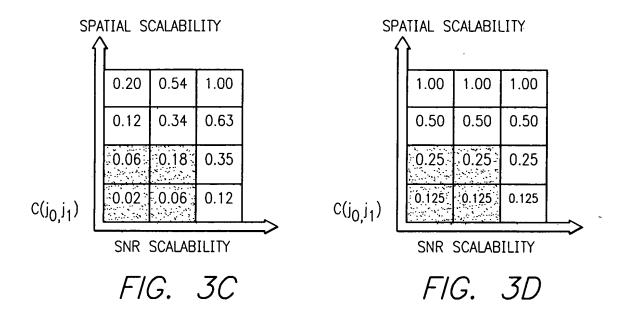
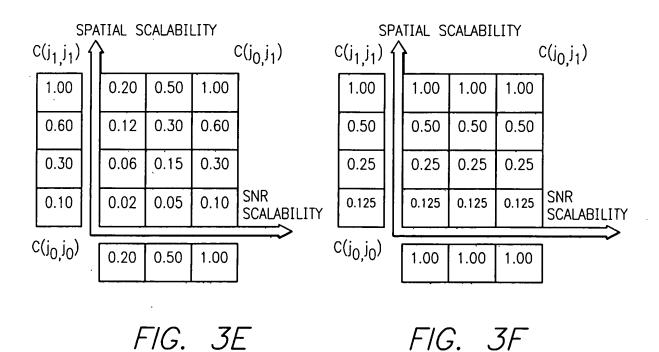
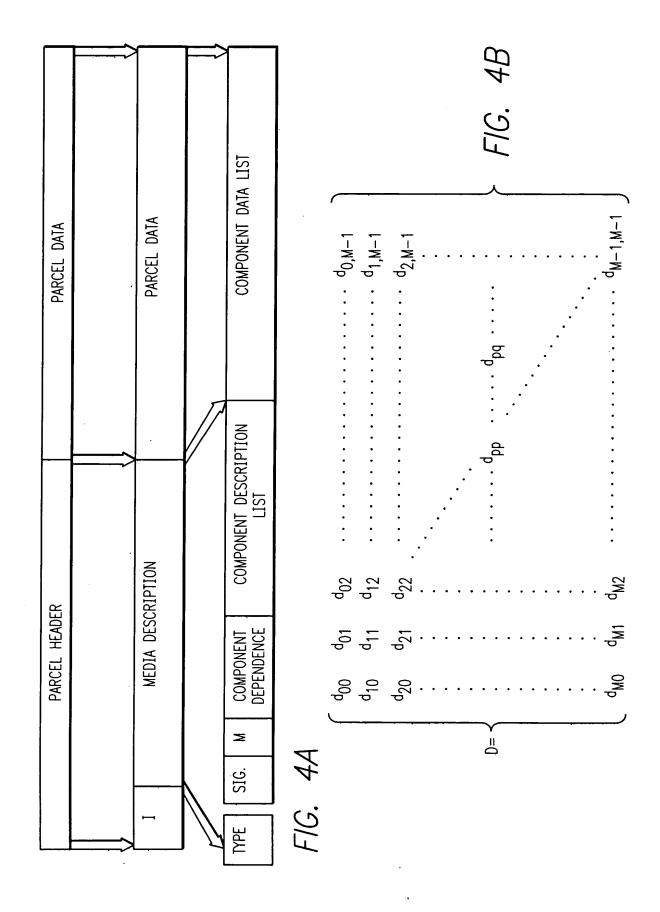
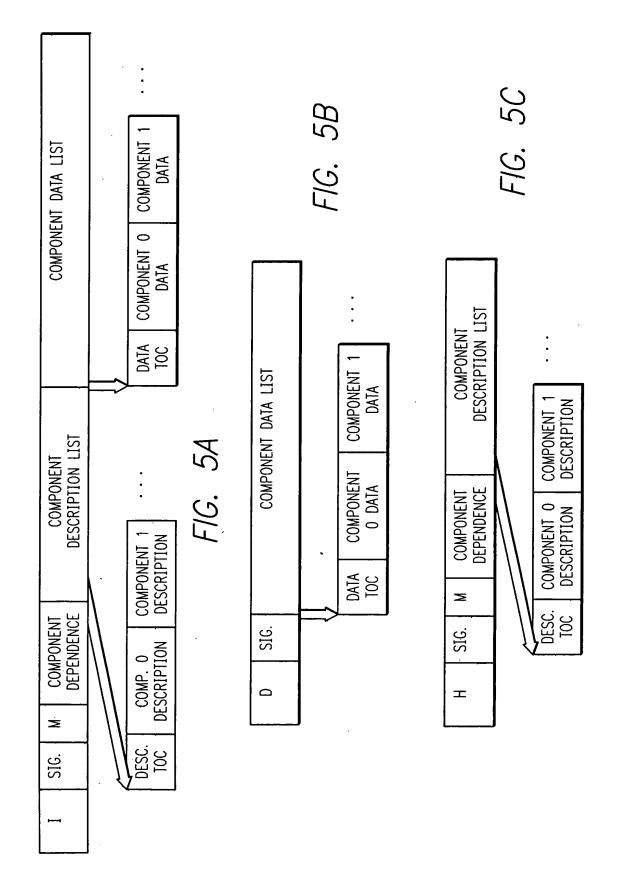


FIG. 3B









60]

FORMATTING ORIGINAL SCALABLE ENCODED MEDIA DATA IN A FORMAT INCLUDING A FIRST PORTION CORRESPONDING TO NON-MEDIA TYPE SPECIFIC SCALABILITY ATTRIBUTES AND SECOND PORTION DATA STRUCTURE INFORMATION AND A SECOND PORTION CORRESPONDING TO THE ORIGINAL SCALABLE ENCODED MEDIA DATA ARRANGED IN A NON-MEDIA TYPE SPECIFIC INDEXABLE DATA STRUCTURE

61

PROVIDING INFORMATION CORRESPONDING TO RECEIVING ATTRIBUTES OF AT LEAST ONE TYPE OF SCALABLE ENCODED MEDIA BY A MEDIA DESTINATION

62

TRANSCODING THE FORMATTED ORIGINAL SCALABLE ENCODED MEDIA DATA PRIOR TO DELIVERY TO THE MEDIA DESTINATION BASED ON MATCHING THE SCALABILITY ATTRIBUTES AND THE RECEIVING ATTRIBUTES TO GENERATE A SCALED VERSION OF THE FORMATTED ORIGINAL SCALABLE ENCODED MEDIA DATA ADAPTED TO THE RECEIVING ATTRIBUTES OF THE MEDIA DESTINATION

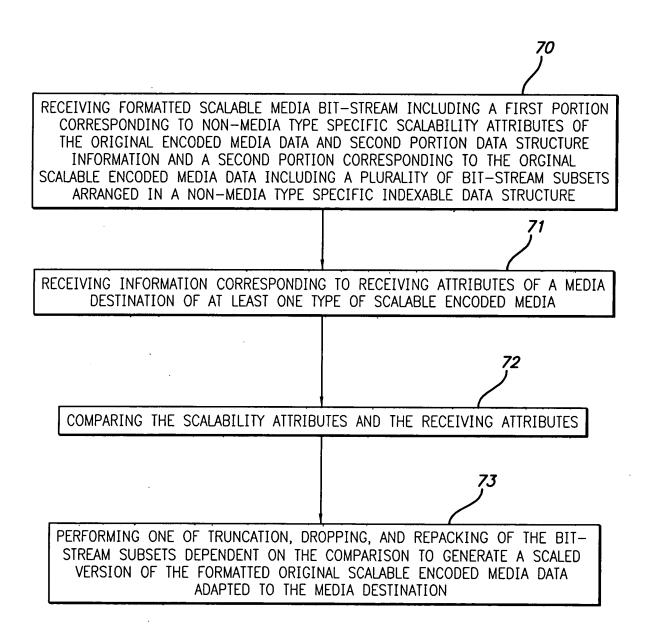
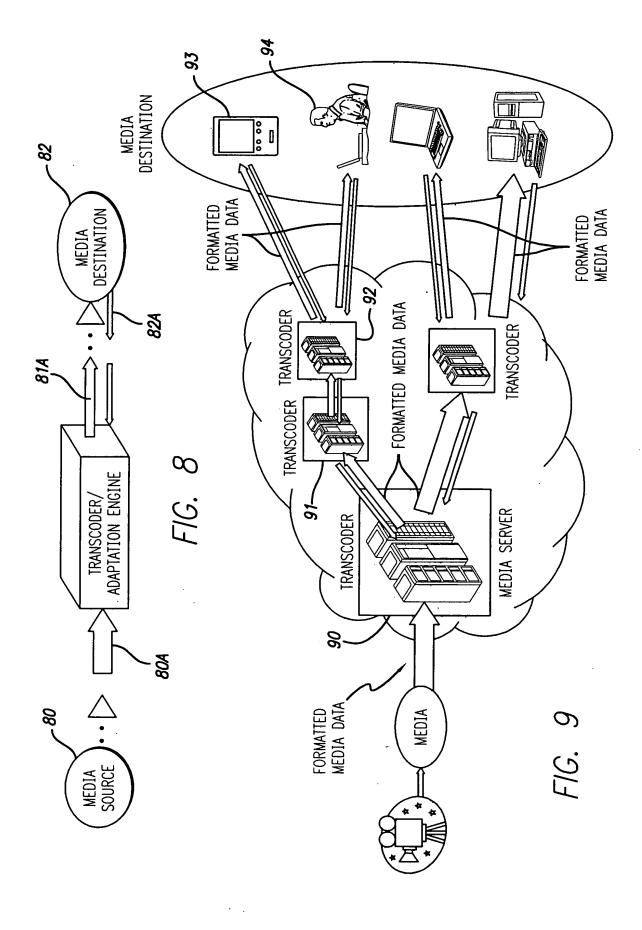


FIG. 7



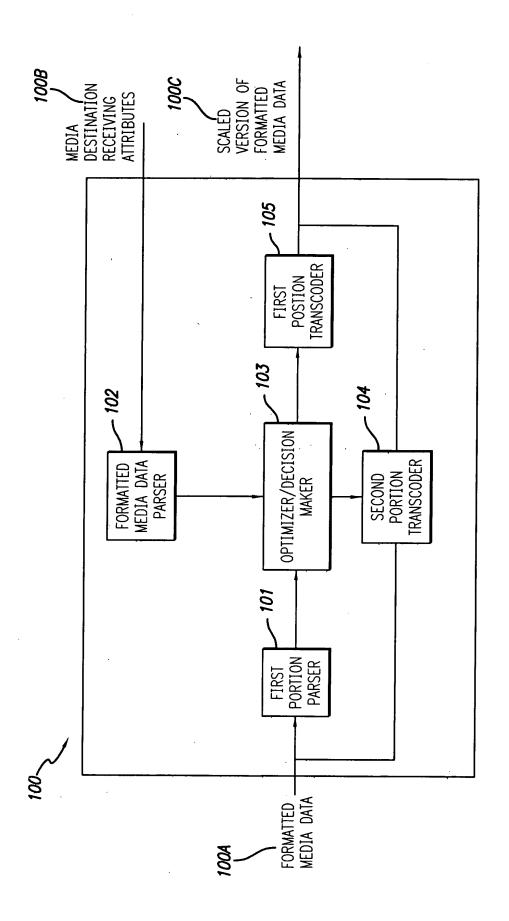
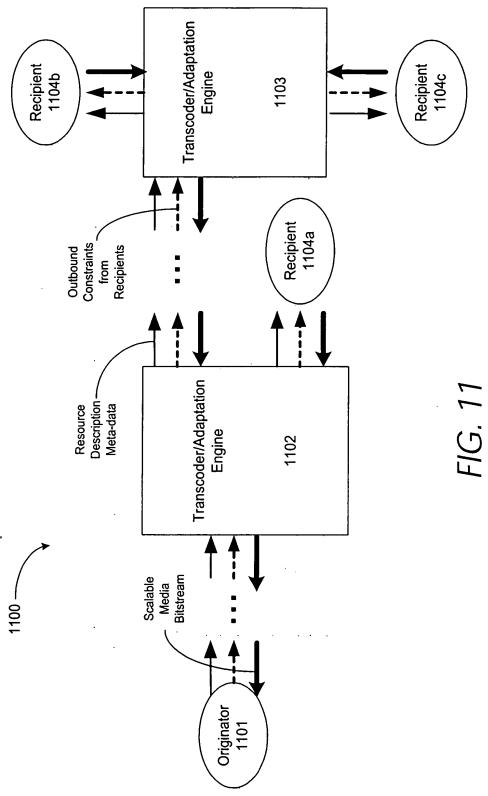


FIG. 10



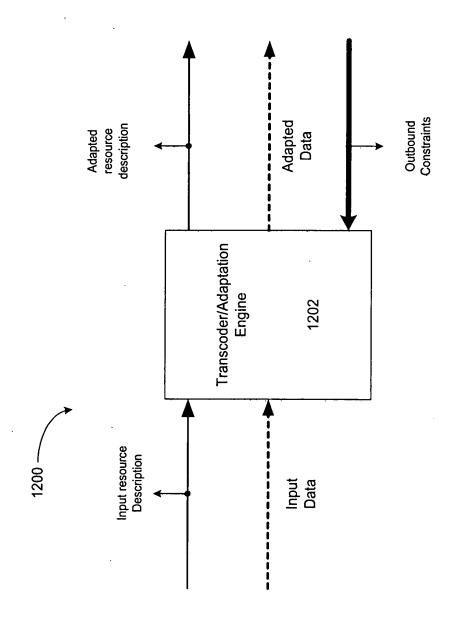
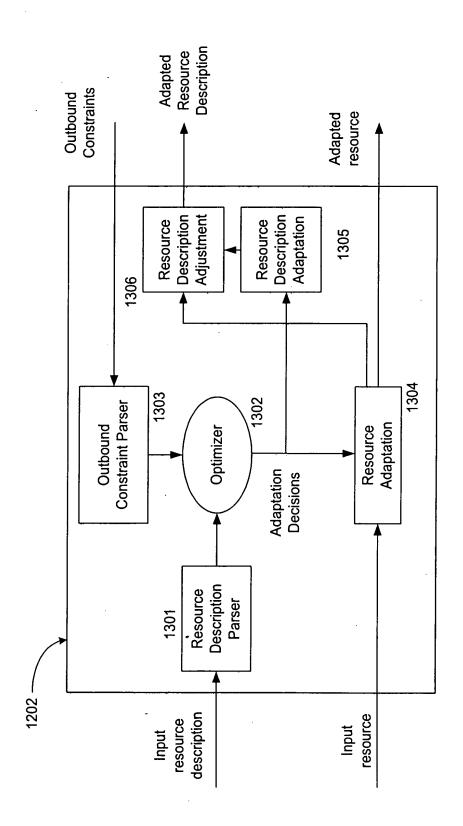


FIG. 12



Ì

FIG. 13

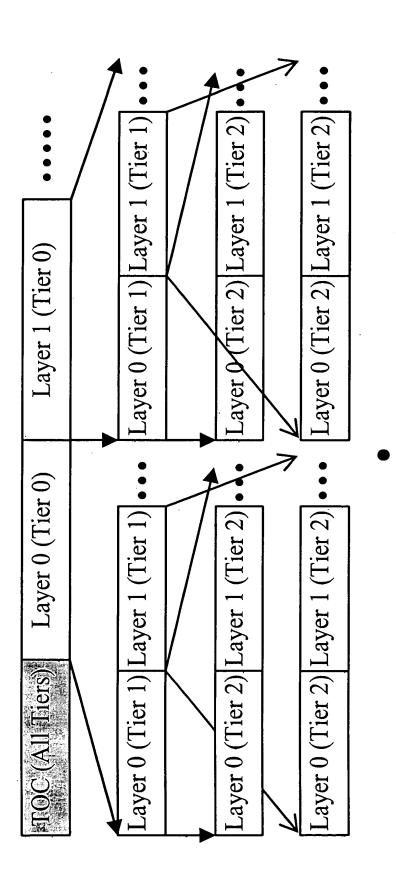


FIG. 14

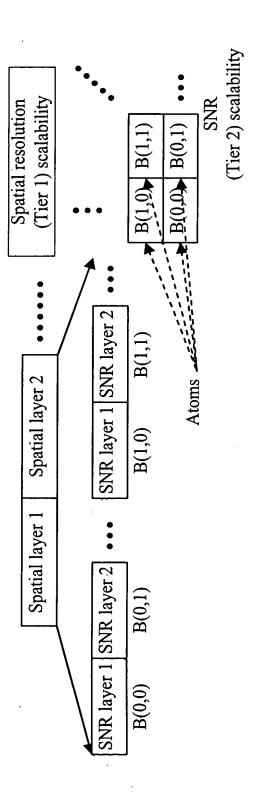


FIG. 15

FIG. 16

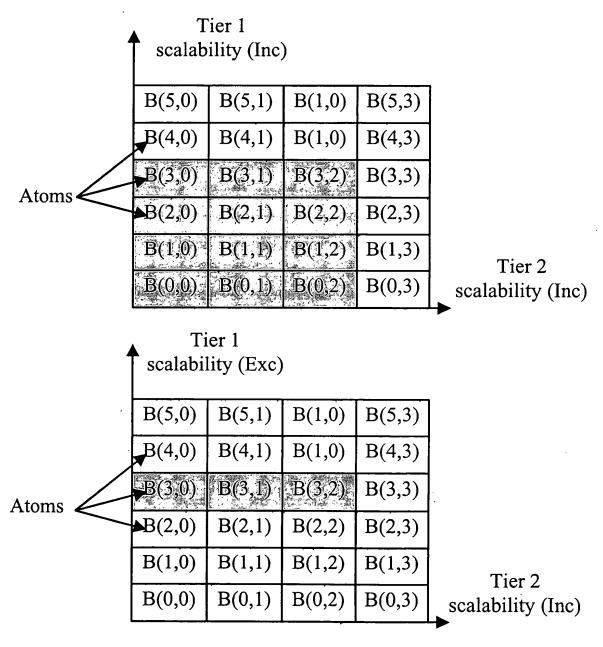


FIG. 17

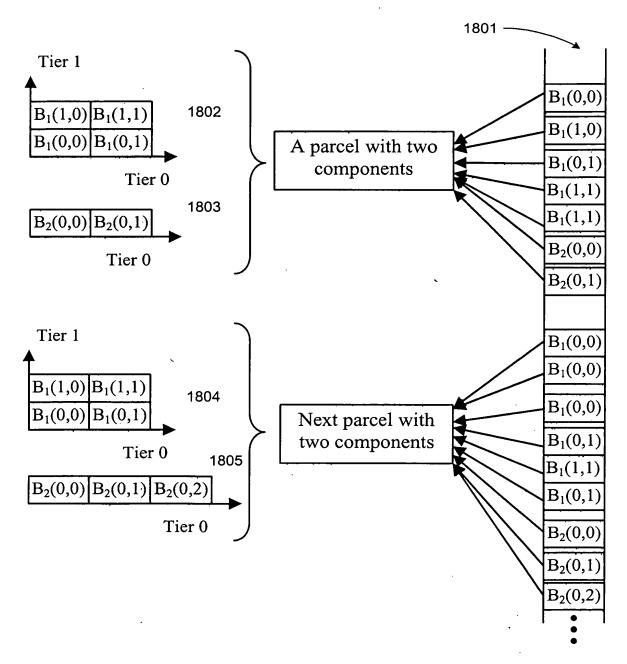


FIG. 18

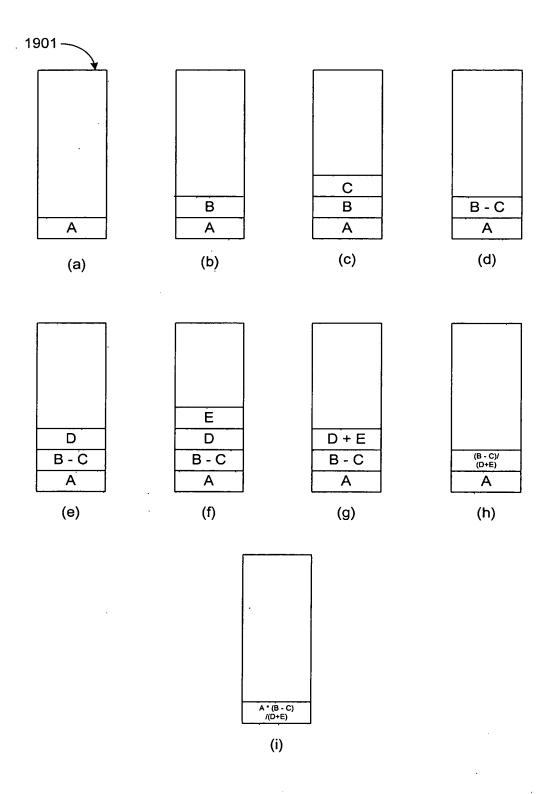


FIG. 19

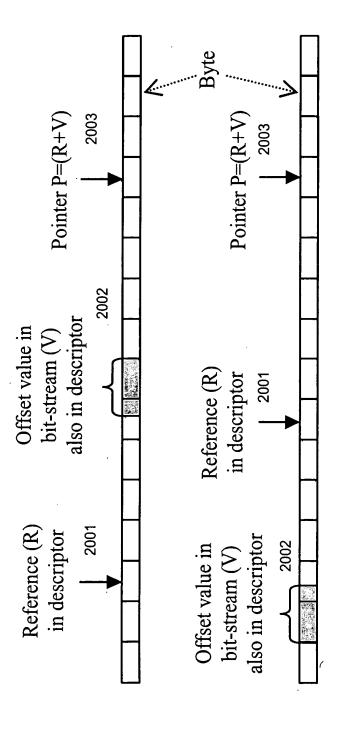
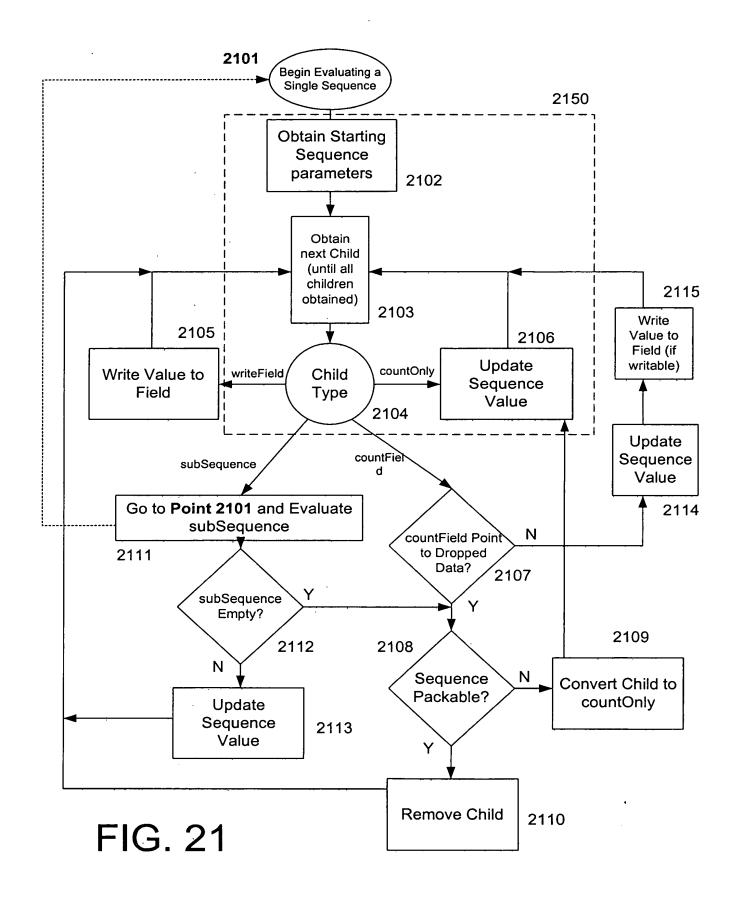


FIG. 20



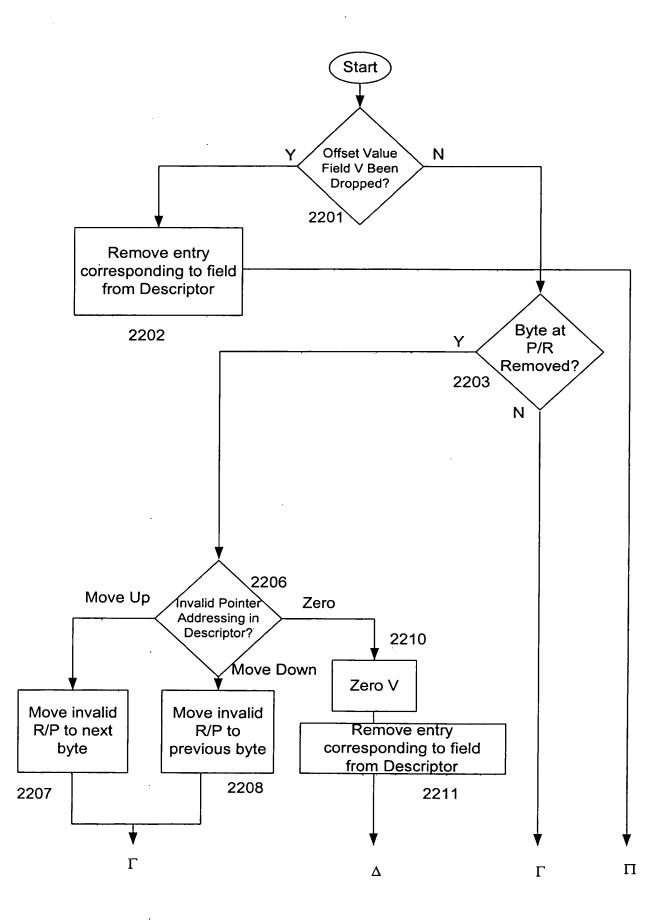


FIG. 22A

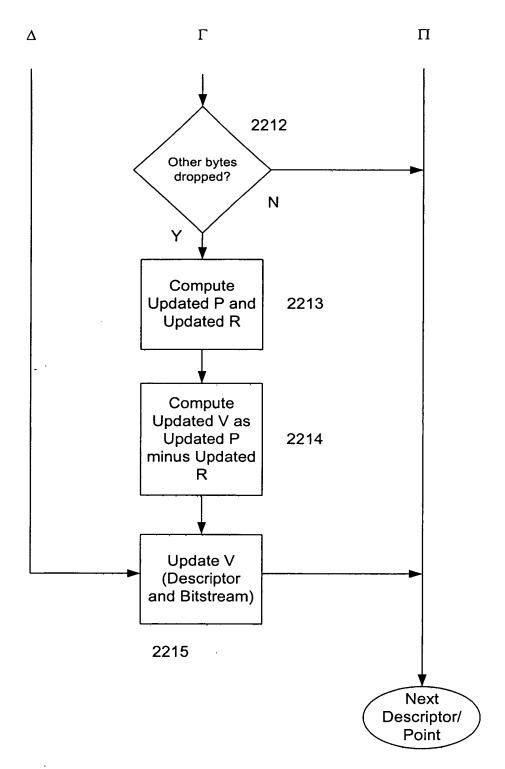
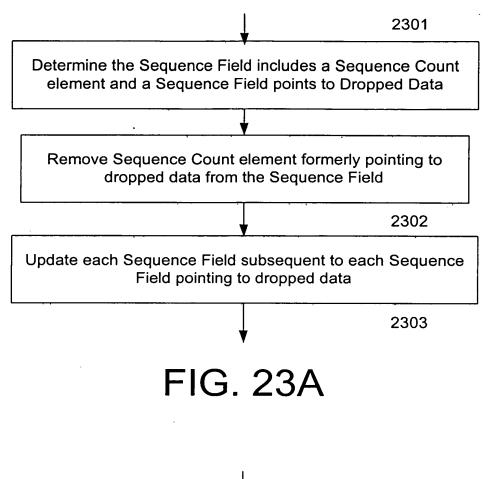


FIG. 22B



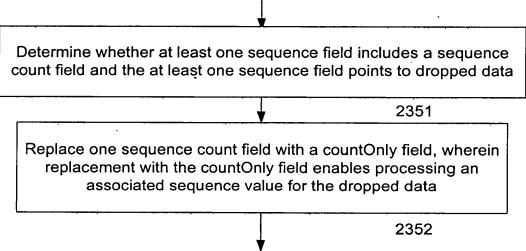


FIG. 23B

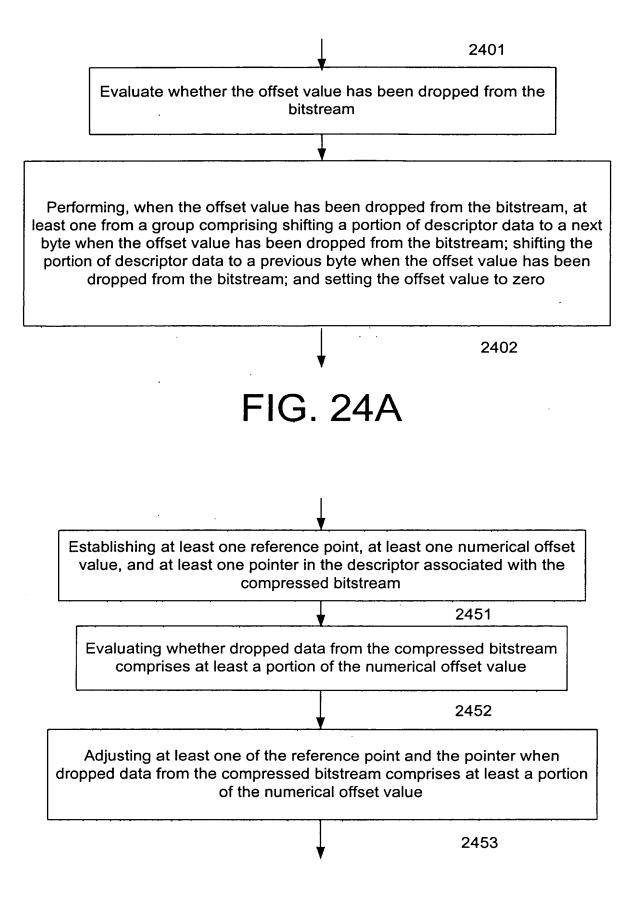
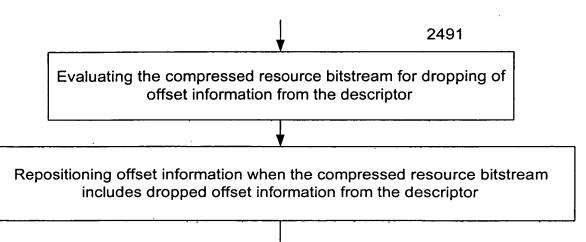


FIG. 24B



2492

2561

FIG. 24C

Specifying an expression for the function using an ordered list of numeric constants, variables, arguments, and operators pushed into an expression stack to evaluate the expression, wherein the method employs a markup

language

FIG. 25D

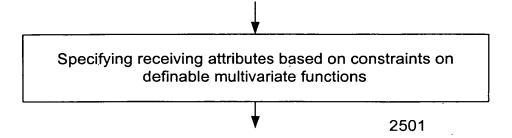


FIG. 25A

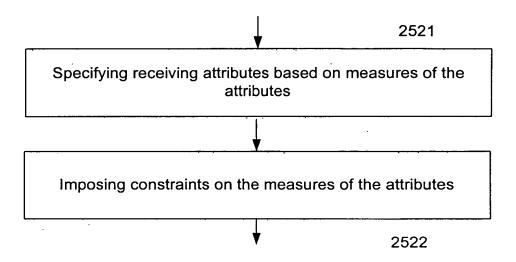


FIG. 25B

Specifying an expression for the function using an ordered list of numeric constants, variables, arguments, and operators pushed into an expression stack to evaluate the expression, wherein the functions comprise at least one from a group comprising constraints applied by the adaptation engine, sequence field operations, and offset length calculations

FIG. 25C